

GETIG 1188



Pure Aluminium Wire

CLASSIFICATION : AWS/SFA 5.10 : ER 1188

CHARACTERISTICS :

Pure Aluminium tig wire recommended for the tig welding of selected 1XXX series of wrought Aluminum alloys. The deposited weld metal has excellent corrosion resistance and high thermal and electrical conductivity.

TYPICAL APPLICATIONS:

For joining of selected 1XXX series. Aluminum sheets and plates used extensively in the electrical and chemical industries

WELD METAL ANALYSIS (RANGE) %

Si	Fe	Mn	Al
0.10 max	0.10 max	0.10 max	99.5% min

MECHANICAL PROPERTIES (TYPICAL)

Ultimate Tensile Strength MPa	Yield Strength MPa
75	660°C

Recommended procedure for Tig welding

- Thoroughly clean all area to be welded.
- For butt welding of thick plate, bevel edges to 65-70 deg included angle
- Use Zirconium tungsten electrode, ground to a tapered blunt point
- Use high frequency stabilized Alternating Current and welding grade - high purity

Argon gas

- Preheat thick section before welding

SHIELDING GAS : Pure Argon

PACKING DATA

SIZE (mm)	LENGTH (MM)	PACKING PER BOX IN KG
1.6	1000	2.5 X 4 = 10
2.0	1000	2.5 X 4 = 10
2.5	1000	2.5 X 4 = 10
3.2	1000	2.5 X 4 = 10
4.0	1000	2.5 X 4 = 10